

Appendix table 5-17

**S&E doctorate awards, by sex, race/ethnicity, and field: 1999**

Sex and S&E field	Total	White, non- Hispanic	Asian/ Pacific Islander	Black, non- Hispanic	Hispanic			American Indian/ Alaskan Native
					Total	Puerto Rican	Mexican American	
Percent distribution								
Men, total S&E.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sciences.....	77.2	78.7	65.0	79.1	82.8	81.0	90.0	80.0
Physical sciences.....	16.4	17.4	13.2	10.6	10.5	12.7	12.2	8.6
Astronomy.....	0.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0
Chemistry.....	9.3	9.6	8.6	9.5	6.4	8.9	5.6	5.7
Physics.....	6.1	6.7	4.4	1.1	4.1	3.8	6.7	4.9
Other physical sciences.....	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Earth, atmospheric, and ocean sciences.....	3.5	3.7	2.3	2.6	4.7	5.1	4.4	4.6
Mathematics.....	4.0	4.2	3.0	1.7	2.9	2.5	5.6	1.7
Computer sciences.....	3.6	3.4	5.5	2.6	3.2	6.3	1.1	2.9
Agricultural sciences.....	3.2	3.3	2.3	4.6	2.3	0.0	3.3	2.9
Biological sciences.....	21.6	21.0	27.3	14.3	27.0	24.1	27.8	28.0
Psychology.....	10.1	11.0	2.8	11.5	16.0	19.0	17.8	21.3
Social sciences.....	14.7	14.7	8.6	31.2	16.3	11.4	17.8	17.7
Engineering.....	22.8	21.3	35.0	20.9	17.2	19.0	10.0	20.0
Chemical.....	2.9	2.9	3.7	2.0	0.9	1.3	0.0	1.1
Civil.....	2.4	2.3	3.4	1.1	1.7	1.3	1.1	2.3
Electrical.....	6.5	5.6	11.9	6.9	7.3	11.4	3.3	7.4
Mechanical.....	3.8	3.5	6.2	3.2	2.3	2.5	1.1	2.9
Other engineering.....	7.2	6.9	9.8	7.7	4.9	2.5	4.4	6.3
Women, total S&E.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sciences.....	93.0	93.5	88.0	93.7	93.3	90.6	94.5	94.1
Physical sciences.....	7.9	7.3	13.0	7.9	6.1	9.4	6.8	4.3
Astronomy.....	0.4	0.4	0.0	0.5	0.0	0.0	0.0	0.0
Chemistry.....	6.1	5.4	11.3	6.3	5.8	9.4	5.5	4.3
Physics.....	1.4	1.4	1.8	1.1	0.3	0.0	1.4	0.0
Other physical sciences.....	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Earth, atmospheric, and ocean sciences.....	2.2	2.3	1.5	1.4	1.2	1.2	1.4	1.1
Mathematics.....	2.7	2.9	3.0	1.6	1.5	0.0	2.7	1.6
Computer sciences.....	1.5	1.3	2.6	2.5	0.9	1.2	0.0	1.1
Agricultural sciences.....	2.3	2.3	2.3	2.2	2.0	1.2	0.0	3.2
Biological sciences.....	26.6	26.0	39.1	18.0	20.6	23.5	21.9	18.8
Psychology.....	31.1	32.5	13.0	36.3	42.7	40.0	38.4	45.7
Social sciences.....	18.7	19.0	13.3	23.8	18.3	14.1	23.3	18.3
Engineering.....	7.0	6.5	12.0	6.3	6.7	9.4	5.5	5.9
Chemical.....	1.1	0.9	2.1	1.1	1.2	1.2	0.0	1.8
Civil.....	0.9	0.9	0.7	0.5	1.7	1.2	2.7	1.6
Electrical.....	1.2	0.8	3.6	1.4	1.2	2.4	1.4	0.5
Mechanical.....	0.9	0.8	1.8	0.3	0.3	0.0	0.0	0.5
Other engineering.....	3.0	3.0	3.8	3.0	2.3	4.7	1.4	1.6
Number								
Men.....	10,434	8,235	1,223	349	344	79	90	175
Women.....	6,994	5,421	728	366	344	85	73	186
								56

NOTES: Data are for U.S. citizens and permanent residents only; total includes "other" race/ethnicity not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates.